

## PRODUCT DATA SHEET

# SikaControl<sup>®</sup>-300

(formerly MasterLife<sup>®</sup> 300)

ADMIXTURE FOR GROUT.

## DESCRIPTION

SikaControl<sup>®</sup>-300 is a admixture in powder form, no chloride content, is designed to enhance cohesion of grout with low w/c ratio. It is able to compensate for shrinkage of grout in plastic phase at construction site.

## USES

SikaControl<sup>®</sup>-300 is used for grout at site such as:

- Grouting cable pipes for prestressed concrete.
- Filling voids between precast concrete components.
- Underground pile.
- Pour mortar into the stone voids.
- Pour mortar to strengthen the ground.
- Pour mortar into small joints.

## CHARACTERISTICS / ADVANTAGES

- Shrinkage compensation.
- Keeps the grouting volume within the phase plastic shrinkage section.
- Increase plasticity for grout.
- Low amount of mixing water.
- Durable and dense filling of all cavities.

## PRODUCT INFORMATION

<b>Packaging</b>	10 kg bag or box (40x0.2 kg/bag).
<b>Shelf life</b>	6 months from date of production.
<b>Storage conditions</b>	The product must be stored in original, unopened and undamaged packaging in dry conditions at temperatures between +5 °C and +40 °C.
<b>Appearance / Colour</b>	Powder/ light grey.

## APPLICATION INFORMATION

<b>Recommended Dosage</b>	Typical dosage is 0.4 - 1 kg/100 kgs of cement/binder.
<b>Compatibility</b>	SikaControl <sup>®</sup> -300 may be combined with all Sikament <sup>®</sup> , SikaPlast <sup>®</sup> , Sika <sup>®</sup> Aer, Sika <sup>®</sup> Pump, Sikacrete <sup>®</sup> PP1 products, but must be added separately to the mix and not pre-mixed prior its addition. SikaControl <sup>®</sup> -300 is compatible with all Portland Cement types.

## BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

## ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

## APPLICATION INSTRUCTIONS

### MIXING

Need to mix mortar by machine.  
Mix SikaControl®-300 with 80% of volume required water, mix and slowly pour cement and sand according to the predetermined design until no lumps left in mixture, then add and stir slowly 20% of the remaining water until it reaches the required consistency.

### APPLICATION

The mixture should be applied within 15 minutes after mixing. Must pour continuously until finishing. When pouring mortar vertically must start from the lowest point.

### CLEANING OF TOOLS

Clean tools and equipment with water before the material hardens.

## LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product data.

## LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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### Product Data Sheet

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